

WHAT IS CLAIMED IS:

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1. An imaging lens device comprising:
an imaging lens system that forms an optical image; and
an image sensing device that converts the optical image formed by said imaging lens system into an electronic signal;

5 wherein said imaging lens system comprises two lens elements, each made of a homogeneous material and having a positive optical power, and
wherein said imaging lens system fulfills the following condition:

$$1.25 < L / f < 2.00$$

where

10 L represents a distance from a most object side lens surface to an image plane, said image plane coinciding with the image sensing device; and
f represents an overall focal length of the lens system.

2. An imaging lens device according to claim 1,
wherein at least one of said two lens elements is a glass lens element, and at least one surface of said glass lens element is an aspherical surface.

3. An imaging lens device according to claim 1,
wherein each of the two lens elements has at least two surfaces, and wherein at least one surface of either of said two lens elements is an aspherical surface.

4. An imaging lens device according to claim 1,
wherein said imaging lens system further fulfills the following condition:

$$0.4 < B_f / f < 1.0$$

where

5 B_f represents a back focal length; and

f represents the overall focal length of the lens system.

5. An imaging lens device according to claim 1,
wherein the two lens elements of said imaging lens system comprise, from the
object side thereof, a first lens element and a second lens element, and wherein said
imaging lens system fulfills the following conditions:

5 $1 < f_1 / f < 5$

and

$1 < f_2 / f < 20$

where

f_1 represents a focal length of said first lens element;

10 f_2 represents a focal length of said second lens element; and

f represents the overall focal length of the lens system.

6. An imaging lens device comprising:
an imaging lens system that forms an optical image; and
an image sensing device that converts the optical image formed by said imaging
15 lens system into an electronic signal;

wherein said imaging lens system comprises, from an object side thereof: a first
lens element, being a positive meniscus lens element convex to an image side; and a
second lens element, being a bi-convex positive lens element.

7. An imaging lens device according to claim 6,
wherein at least one of said first lens element and said second lens element is a
glass lens element, and wherein at least one surface of said glass lens element is an
aspherical surface.

8. An imaging lens device according to claim 6,
wherein each of the first lens element and the second lens element has at least two

surfaces, and wherein at least one surface of either of said first lens element and said second lens element is an aspherical surface.

9. An imaging lens device according to claim 6,
wherein said imaging lens system further fulfills the following condition:

$$0.4 < B_f / f < 1.0$$

where

5 B_f represents a back focal length; and

f represents the overall focal length of the lens system.

10. An imaging lens device according to claim 6,
wherein said imaging lens system comprises from the object side a first lens
element and a second lens element, and fulfills the following conditions:

$$1 < f_1 / f < 5$$

5 and

$$1 < f_2 / f < 20$$

where

f_1 represents a focal length of said first lens element;

f_2 represents a focal length of said second lens element; and

10 f represents the overall focal length of the lens system.

11. An imaging lens device comprising, from the object side thereof:
an imaging lens system that forms an optical image of a subject;
an optical low pass filter; and

an image sensing device that converts the optical image formed by the imaging
5 lens system into an electronic signal comprising a plurality of pixels;

wherein the optical low pass filter has a predetermined cutoff frequency
characteristic that depends on pixel pitch of the image sensing device,

wherein the image sensing device is a solid state image sensing device, and

10 wherein the optical image formed by the imaging lens system is converted by the
image sensing device into an electronic signal having a minimized aliasing noise
characteristic.

12. An imaging lens device according to claim 11, further comprising a
processor wherein the signal generated by the image sensing device undergoes
predetermined digital image processing, and image compression processing by the
processor, and is recorded in a memory.

13. An imaging lens device according to claim 11, wherein the imaging lens
system comprises two positive lens elements, wherein an optical power of the first lens
element is weaker than an optical power of the second lens element.

14. An imaging lens device according to claim 13, wherein at least one of the
two lens elements is formed of glass.

15. An imaging lens device according to claim 13, wherein each of said two
positive lens elements has two surfaces, and wherein at least one of the surfaces of one of
the positive lens elements is an aspherical surface.

16. A telephonic device comprising:
an imaging lens system that forms an optical image; and
an image sensing device that converts the optical image formed by said imaging
lens system into an electronic signal;

5 wherein said imaging lens system comprises two lens elements, each made of a
homogeneous material and having a positive optical power, and wherein said imaging lens
system fulfills the following condition:

$$1.25 < L / f < 2.00$$

where

10 L represents a distance from a most object side lens surface to an image plane, and said image plane coinciding with the image sensing device; and

f represents an overall focal length of the lens system.

17. A telephonic device according to claim 16, wherein the telephonic device is portable.

18. A telephonic device comprising, from the object side thereof:
an imaging lens system that forms an optical image of a subject;
an optical low pass filter; and
an image sensing device that converts the optical image formed by the imaging
5 lens system into an electronic signal comprising a plurality of pixels;
wherein a predetermined cutoff frequency characteristic that depends on pixel pitch of the image sensing device,
wherein the image sensing device is a solid state image sensing device, and
wherein the optical image formed by the imaging lens system is converted into an
10 electronic signal having a minimized aliasing noise characteristic.

19. A telephonic device according to claim 18, wherein the telephonic device is portable.

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